

ABSTRACT OF THE DISCLOSURE

A method and apparatus for controlling the
idle speed of a hybrid electric vehicle drive system
5 or transaxle (10) including an internal combustion
engine (12), a generator/motor (14) which is coupled
to engine (12) by use of a planetary gear set (20),
and an electric motor (16). Drive system (10)
includes a brake or clutch assembly (34) which is
10 operatively and selectively coupled to a
generator/motor (14) and is effective to supplement
the generator-produced reaction torque, thereby
cooperating with the generator/motor (14) to control
the idle speed of engine (12) in a wide variety of
15 engine operating conditions.